

## CHECKLIST #0270 FOR THE APPROVAL OF: **SHUTTERS**

- Basic Requirements Checklist.
- One set of the manufacturer's 'approval document' including:
  - All components indicating: dimensions, material grade, thickness, etc.,
  - Installation details indicating: panel layouts and all mounting arrangements, b)
  - Anchors and fasteners used to secure the unit to each substrate indicating: type, c) size, spacing and minimum embedment, and
  - Maximum shutter span, minimum distance from glass and location of marking. d)
- Calculations for anchoring method of shutter assembly to the structure.
- Certified inspection report from mill supplying the shutter material indicating:
  - Chemical composition, and a)
  - b) Structural properties. (I.e. Fu, Fy, E & Elongation.)
- One set of manufacturer's design drawings marked and verified by the testing laboratory.

## The following current laboratory tests and test reports in compliance with protocol TAS 301.

- □ Uniform Static Air test per TAS202. Report deflection & recovery.
- Impact test per TAS201. Report deflection, penetration & rupture.
- Cyclic test per TAS203. Report deflection & recovery.
- Test verifying structural properties of materials used.

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